

Lucy E Delaney

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contact

Chicago, IL 60607

website

ledelaney.github.io

github

ledelaney

programming

R

markup languages

LaTeX, HTML,
Markdown, &
Rmarkdown

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Illinois Substitute
Teaching License, FCC
Technician Class Radio
License

Interests

Evolution outreach & education, macroevolution, the evolution of plant breeding systems, the nature of adaptation, R for data manipulation & visualization, R in undergraduate education

Education

PhD in Ecology and Evolutionary Biology

University of Illinois at Chicago

Thesis: *The Process of Natural Selection: Resultant Patterns and How We Understand Them*

MA in Molecular and Cellular Biology

Hunter College of the City University of New York

BS in Forensic Molecular Biology, Philosophy

John Jay College of the City University of New York

Teaching

BIOS220: Molecular and Mendelian Genetics

2019-Present

Responsible for online transition

BIOS230: Ecology and Evolution

Spring 2019

Sophomore-level ecology

BIOS430: Evolution

2017-2018

Upper-division, programming-focused Evolution course.

BIOS120: Biology of Populations and Communities

2016-2017

Introductory biology laboratory course

Professional Experience

Tutor at Nurturing Wisdom Tutoring

2018-Present

Highly-rated individual tutoring for grades 7-12 in science, mathematics, reading, language, and writing. Provide tutoring of content and test-preparation strategies for High School Entrance Exams and SATs.

Forensic Molecular Biologist at NYC Office of Chief Medical Examiner

2012-2015

Examined evidence for the presence of biological fluids, performed serological and DNA analysis techniques, analyzed data and performed statistical analysis, wrote reports, and provided expert scientific testimony in court.

Health Research Intern at NYC Department of Health

2011-2012

Accepted to the Health Research Training Program for a year-long internship with the Bureau of Environmental Disease Prevention. Received training in disease epidemiology, emergency preparedness and response, public health and outreach programs in environmental disease control and prevention, and emerging viral infections.

Field Manager & Administrative Assistant at Working Families Party

2008-2011

Performed administrative tasks including payroll, managing employees' healthcare coverage, bank deposits, and data entry. Organized informational events for the public, and served as Field Manager for multiple election and fundraising campaigns.

Publications

Presentations

Extracurricular